

Listing of Claims

1. (Currently Amended) An organic EL display panel comprising:
an emitting cell comprising an anode ITO strip, a supplement electrode, an organic EL layer, and a cathode an-anode strip;
a bulkhead for insulating the emitting cell from the cathode anode strip; and
at least one supplement bulkhead coupled to at least one side portion other than an end portion of the bulkhead, wherein the supplement bulkhead coupled to at least one side portion other than said end portion of the bulkhead is connected with another supplement bulkhead coupled to an adjacent bulkhead.
2. (Previously Presented) The organic EL display panel of claim 1, wherein the supplement bulkhead is provided in an area between the emitting cell and a sealant.
3. (Original) The organic EL display panel of claim 1, wherein the supplement bulkhead forms a predetermined angle with the bulkhead.
4. (Canceled)
5. (Previously Presented) The organic EL display panel of claim 1, further comprising: an insulating film is formed around the organic EL layer from a predetermined area including the sealant and the supplement electrode to a portion of the glass substrate.

6. (Canceled)

7. (Currently Amended) A method of manufacturing an organic EL display panel, comprising:

forming a supplement electrode in a smaller width than an anode ITO strip;

forming an insulating film;

forming a bulkhead and at least one supplement bulkhead coupled to at least one side portion other than an end portion of the bulkhead;

forming an organic EL layer and a cathode ~~an anode~~ strip; and

adhering a seal-cover and a glass substrate by using a sealant, wherein the supplement bulkhead coupled to at least one side portion other than said end portion of the bulkhead is connected with another supplement bulkhead coupled to an adjacent bulkhead.

8. (Currently Amended) The method of claim 7, further comprising:

forming a short anode ITO strip which is shorter than the anode ITO strip between the bulkhead and at least one other bulkhead.

9. (Previously Presented) The method of claim 7, wherein the insulating film is formed around the organic EL layer from a predetermined area including the sealant and the supplement electrode to a portion of the glass substrate.

10. (Previously Presented) The method of claim 7, wherein the bulkhead and the supplement bulkhead are formed at the same time.

11. (Currently Amended) An organic EL display panel having a plurality of emitting cells comprising:

a plurality of bulkheads for insulating the plurality of emitting cells; and

a supplemental bulkhead for connecting adjacent bulkheads and preventing a sealant from permeating into at least one of the emitting cells, wherein the supplemental bulkhead is coupled to at least one side portion other than an end portion of the bulkhead, wherein the supplemental bulkhead coupled to at least one side portion other than said end portion of the bulkhead is connected with another supplemental bulkhead coupled to an adjacent bulkhead.

12. (Previously Presented) The organic EL display panel of claim 11, wherein the supplemental bulkhead is located in a region between adjacent bulkheads and a region between the emitting cells and the sealant.

13. (Previously Presented) The organic EL display panel of claim 11, wherein the supplemental bulkhead is formed perpendicular to at least one of the adjacent bulkheads.

14. (Previously Presented) The organic EL display panel of claim 11, wherein the supplemental bulkhead includes three segments.

15. (Previously Presented) The organic EL display panel of claim 11, wherein the supplemental bulkhead comprises:

a first supplemental bulkhead segment perpendicular to and connected with at least one of the bulkheads;

a second supplemental bulkhead segment parallel to said one of the bulkheads and connected with the first supplemental bulkhead segment; and

a third supplemental bulkhead segment perpendicular to said one of the bulkheads and connected with the second supplemental bulkhead segment.

16. (Previously Presented) The organic EL display panel of claim 11, wherein the supplemental bulkhead comprises:

a first supplemental bulkhead segment formed at a first predetermined angle with and connected to at least one of the bulkheads;

a second supplemental bulkhead segment parallel to said at least one of the bulkheads and connected with the first supplemental bulkhead segment; and

a third supplemental bulkhead segment formed at a second predetermined angle with said at least one of the bulkheads and connected with the second supplemental bulkhead segment.

17. (Previously Presented) The organic EL display panel of claim 11, wherein the supplemental bulkhead comprises:

a first supplemental bulkhead segment curved to and connected with at least one of the bulkheads;

a second supplemental bulkhead segment parallel to said at least one of the bulkheads and connected with the first supplemental bulkhead segment; and

a third supplemental bulkhead segment curved to said at least one of the bulkheads and connected with the second supplemental bulkhead segment.

18. (Currently Amended) A method of manufacturing an organic EL display panel, comprising:

forming a plurality of anode ITO strips on a substrate;

forming an insulating film in a region other than an emitting cell region;

forming a plurality of bulkheads on the insulating film and a supplemental bulkhead connecting adjacent ones of the bulkheads; and

forming an organic EL layer and a cathode strip in the emitting cell region, wherein the supplemental bulkhead is coupled to at least one side portion other than an end portion of the bulkhead, wherein the supplemental bulkhead coupled to at least one side portion other than said end portion of the bulkhead is connected with another supplemental bulkhead coupled to an adjacent bulkhead.

19. (Previously Presented) The method of claim 18, wherein the plurality of bulkheads and the supplemental bulkhead are formed at a same time.
20. (Previously Presented) An organic EL display panel comprising:
a plurality of emitting cells formed on an emitting region of a substrate;
a sealant formed in a region other than the emitting region; and
a supplemental bulkhead angled between the emitting cell and the sealant, so as to prevent a sealant from permeating into the emitting cell.
21. (Previously Presented) An organic EL display panel comprising:
a plurality of emitting cells formed on an emitting region of a substrate;
a sealant formed in a region other than the emitting region; and
a supplemental bulkhead formed apart from the sealant and surrounding the emitting region, so as to prevent a sealant from permeating into the emitting cell.
22. (Previously Presented) The organic EL display panel of claim 1, wherein the at least one supplement bulkhead is coupled to two bulkheads.
23. (Previously Presented) The method of claim 7, wherein the at least one supplement bulkhead is coupled to two bulkheads.